Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 23 Dec 2021 until 23:59 on Friday 24 Dec 2021

Forecast Issued on Thursday 23 Dec 2021 at 01:17

Confidence: High for unsettled throughout the forecast period and generally rather cloudy but lower with regard to timing of more persistent precipitation.

Headline for Thursday 23 Dec 2021: Bright morning but cloudier afternoon with some rain. Strengthening winds

Mountain weather hazards on Thursday 23 Dec 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Light rain	Light rain	Dull	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
10%	50%	40%	20%	20%	20%

Forecast for Thursday 23 Dec 2021

Weather: Cloudy through the early hours with patchy light rain and drizzle, but some clear spells developing towards dawn. Then a bright start, especially in east, some sunny spells but cloud increasing again towards midday with rain spreading east in afternoon. The rain clears soon after dusk to leave a largely dry evening with clear spells developing.

Chance of cloud free mountain/hill tops above 600m: Around 75% in east, and 30% in west, at first but little chance through the late morning and afternoon. Chances improve considerably through the evening.

Visibility: Occasional or periods of cloud above 450m in west but occasional above 600m in east at first, becoming periods or persistent above 300-450m in the late morning and afternoon before cloud becomes more occasional again in evening. Otherwise visibility good falling to several kilometres in rain and drizzle.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Thursday 23 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 SW	17/24 SW	20/28 SW	23/30 SW	22/31 W	22/30 W	22/30 W
300	10/15 S	9/14 S	13/20 S	17/25 SW	15/23 SW	15/24 SW	15/25 SW
Valley	3/14 S	4/14 SE	7/19 S	10/23 SW	9/21 SW	8/21 SW	9/22 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/1	6/2	7/2	6/1	6/0	6/0
300	7/4	7/4	8/5	9/5	8/4	8/4	8/4
Valley	6/5	6/5	8/6	9/6	8/6	7/5	8/5
Freezing Level*	2000m	2000m	2500m	2200m	1500m	1600m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 40mph over higher peaks in late afternoon and evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 23 Dec 2021	3mm	3mm	4.4mm

Forecast for Friday 24 Dec 2021

Weather: Dry with clear spells overnight then a bright start. However cloud increases through the morning bringing outbreaks of mainly light rain and drizzle towards midday, the rain turning more persistent and occasionally heavy through the late afternoon and evening, and perhaps turning to sleet over the higher peaks later.

Maximum wind: Westerly 20mph decreasing 10mph by dawn then backing more easterly before increasing 20mph through the late afternoon and evening, with an increasing chill effect.

Chance of cloud free mountain/hill tops above 600m: Around 60% through the morning, falling to near zero around midday otherwise little chance.

Visibility: Occasional cloud through the morning, otherwise periods or persistent cloud, above about 450-600m with patches below. Otherwise visibility good falling to several kilometres in rain and, later, summit sleet.

Temperature: **Valleys:** Plus 5 or 6 Celsius rising to plus 8 or 9 Celsius by day
At 600m: Plus 5 Celsius falling to plus 2 Celsius in evening
Freezing level: Above the summits

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